

South Carolina Department of Health and Environmental Control  
Office of Ocean and Coastal Resource Management  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

**September 19, 2013**  
**Permit Application Public Notice**

***South Carolina Public Railways, OCRM-13-242-B***

The Department has received an application for a permit for the alteration of a critical area. The application was submitted pursuant to the Coastal Zone Management Act (Act 123) of 1977 South Carolina General Assembly. The application in brief, is described as follows:

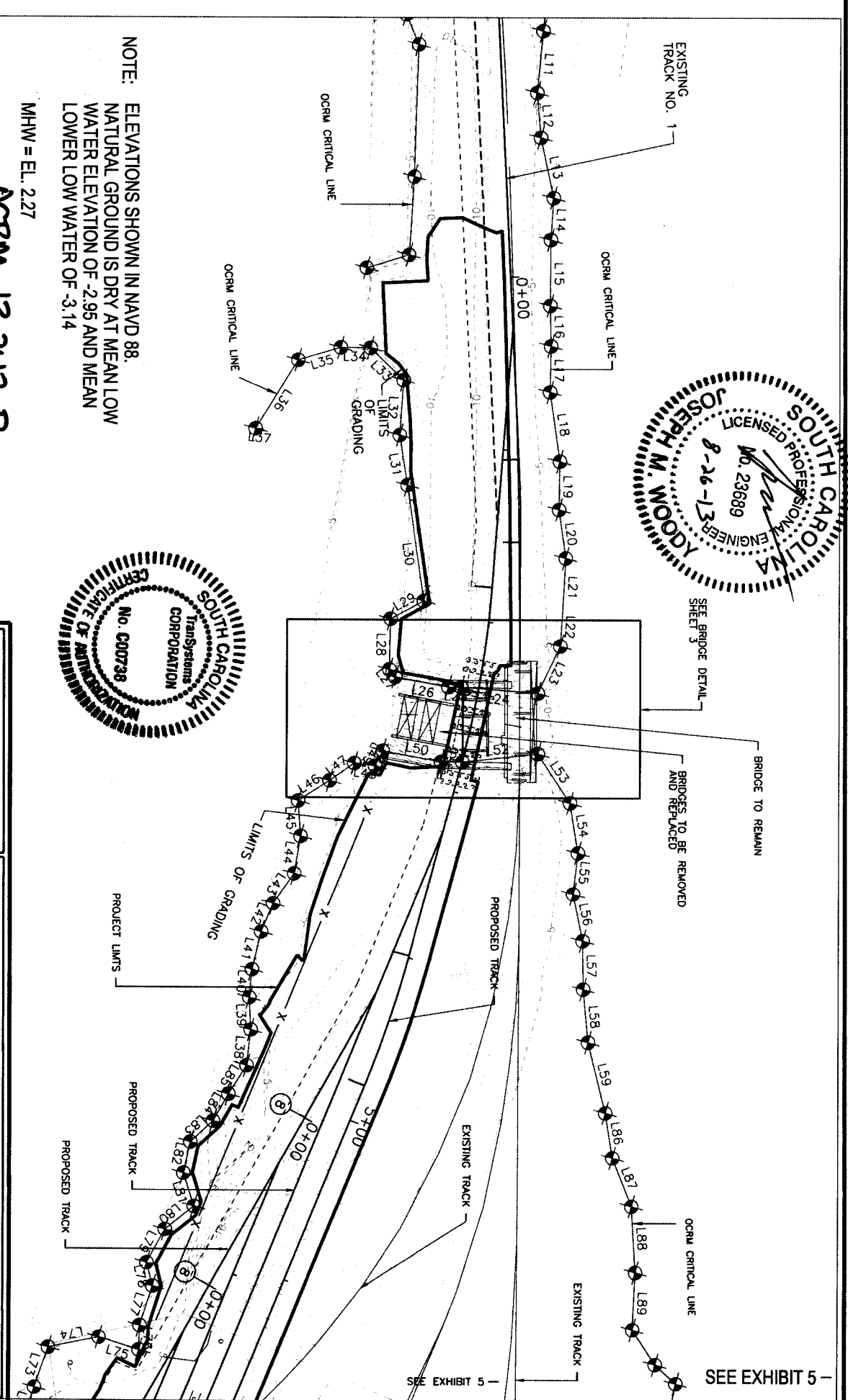
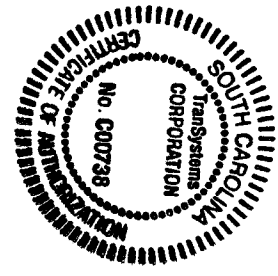
**LOCATION:** On and adjacent to Vardell Creek Adjacent to Morrison Drive, Charleston, Charleston County, South Carolina.  
TMS: 459-00-00-001 & 400-00-00-001.

**WORK:** The work as proposed consists of removing an existing, out-of-service bridge and constructing a new, pile supported bridge. Specifically, the old bridge(s) will be removed and a new pile supported 20' x 62' (40' over tidal wetlands) bridge will be constructed. The work as described is for expanding rail access and rail yard storage for the SC SPA Columbus Street and Union Pier Terminals.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by the Department can be based. Comments concerning the proposed work must be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

Comments regarding this application must be received by the Department on or before **October 19, 2013**. For more information, please contact **Steve Brooks** at **843-953-0235** or via email at **brookss@dhec.sc.gov**.

**NOTE:** Plans depicting the proposed work are available and will be provided upon receipt of a written request or may be viewed on the Department website at **[www.scdhec.gov/environment/ocrm/public\\_notice.htm](http://www.scdhec.gov/environment/ocrm/public_notice.htm)**.



NOTE: ELEVATIONS SHOWN IN NAVD 88.  
 NATURAL GROUND IS DRY AT MEAN LOW  
 WATER ELEVATION OF -2.95 AND MEAN  
 LOWER LOW WATER OF -3.14

MHW = EL. 2.27

**OC2M-13-242-B**  
 APPLICANT NAME: SC PUBLIC RAILWAYS  
 PROPOSED ACTIVITY: BRIDGE REPLACEMENT/CONSTRUCTION  
 SHEET NUMBER 4 OF 6

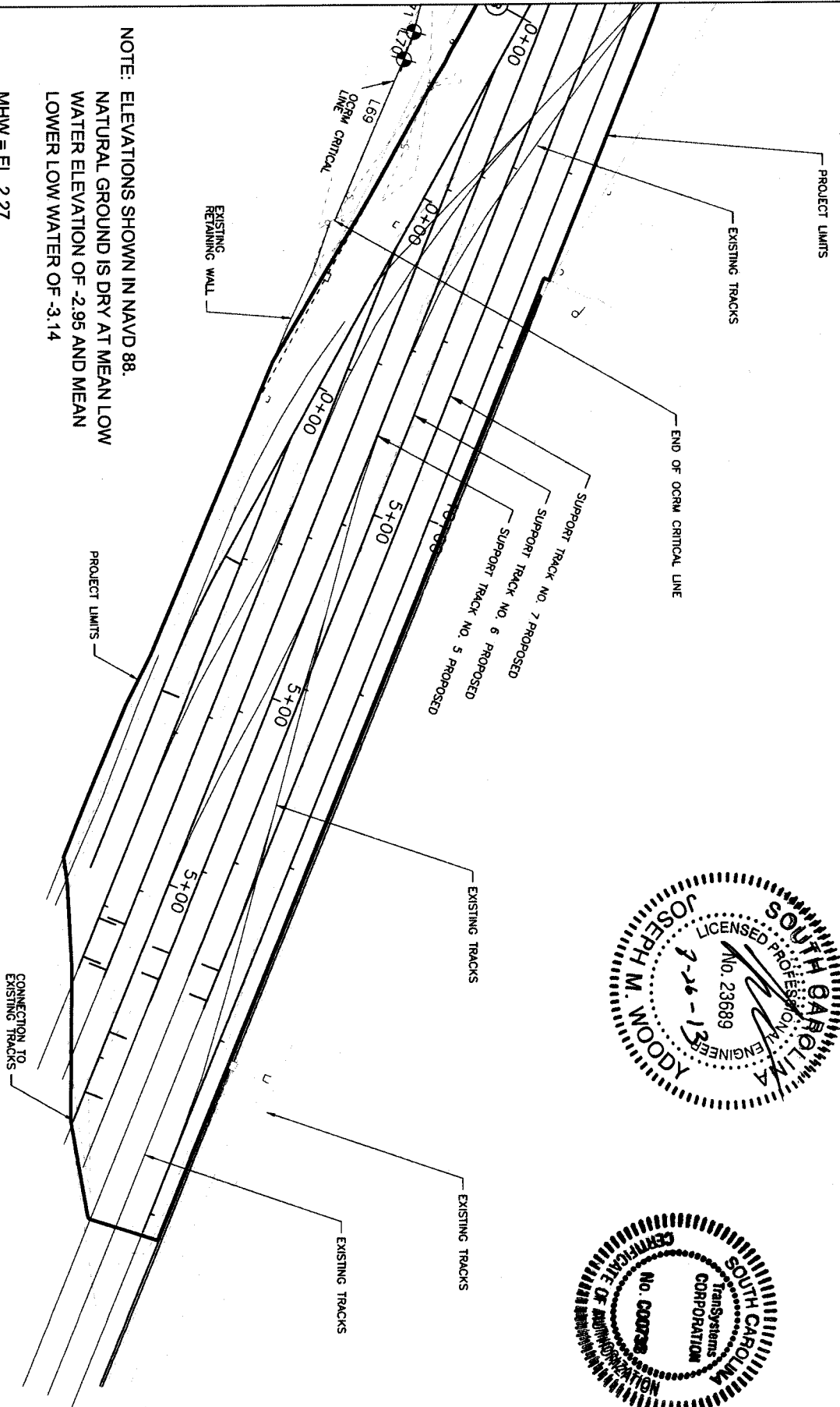


4390 BELLE OAKS DRIVE  
 SUITE 120  
 NORTH CHARLESTON, SC  
 PHONE: 843-266-8300  
 FAX: 843-528-9616

**SITE PLAN**

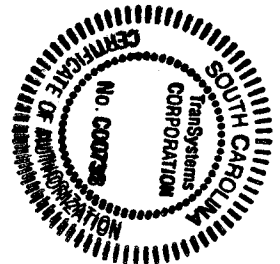
**PROJECT**

**PUC TRACK EXPANSION**  
 CHARLESTON, SOUTH CAROLINA



NOTE: ELEVATIONS SHOWN IN NAVD 88.  
NATURAL GROUND IS DRY AT MEAN LOW  
WATER ELEVATION OF -2.95 AND MEAN  
LOWER LOW WATER OF -3.14

MHW = EL. 2.27  
APPLICANT NAME: SC PUBLIC RAILWAYS  
SHEET NUMBER 5 OF 6  
PROPOSED ACTIVITY: BRIDGE REPLACEMENT/CONSTRUCTION  
TMS# 4590000001



**TransSystems**

4390 BELLE OAKS DRIVE  
SUITE 200  
NORTH CHARLESTON, SC  
PHONE: 843-266-9300  
FAX: 843-529-9618

PROJ NO: P306130010

SCALE: 1"=80'

DATE: JULY 2013

DRAWN BY: JMW

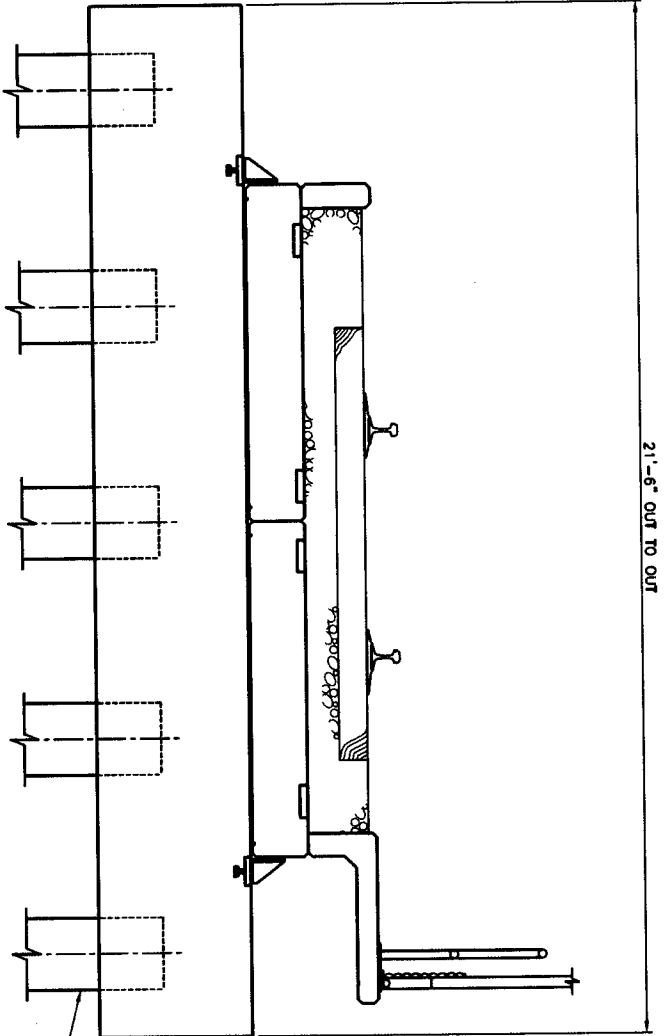
SHEET TITLE

SITE PLAN

PROJECT

PUC TRACK EXPANSION  
CHARLESTON, SOUTH CAROLINA

21'-6" OUT TO OUT



18" SQUARE PRESTRESSED  
CONCRETE PILE WITH STEEL  
HP PILE POINT (TYP.)

TYPICAL SECTION

**OCRM-13-242-B**

NOTE: APPLICANT NAME: SC PUBLIC RAILWAYS  
PROPOSED ACTIVITY: BRIDGE REPLACEMENT/  
CONSTRUCTION  
SHEET NUMBER 6 OF 6  
TMS# 4590000001



4390 BELLE OAKS DRIVE  
SUITE 220  
NORTH CHARLESTON, SC  
PHONE: 843-266-8300  
FAX: 843-529-9616

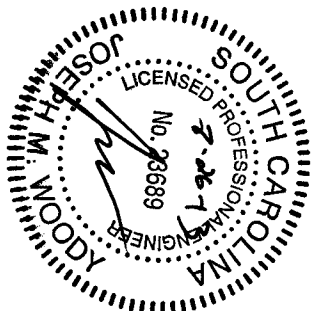
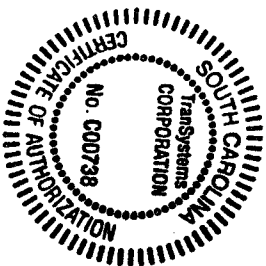
PROJ NO: P308130010  
SCALE: 1/4" = 1'-0"  
DATE: JUL Y 2013  
DRAWN BY: DMH  
CHECKED BY:

SHEET TITLE

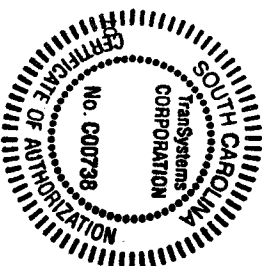
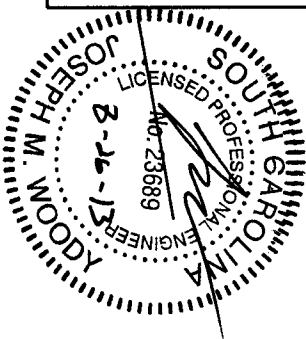
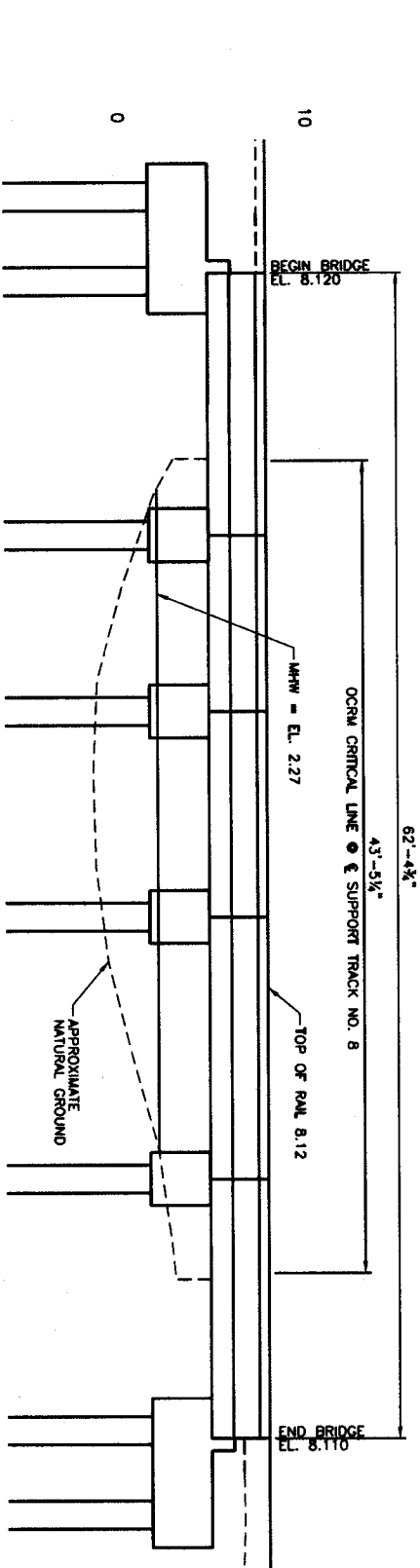
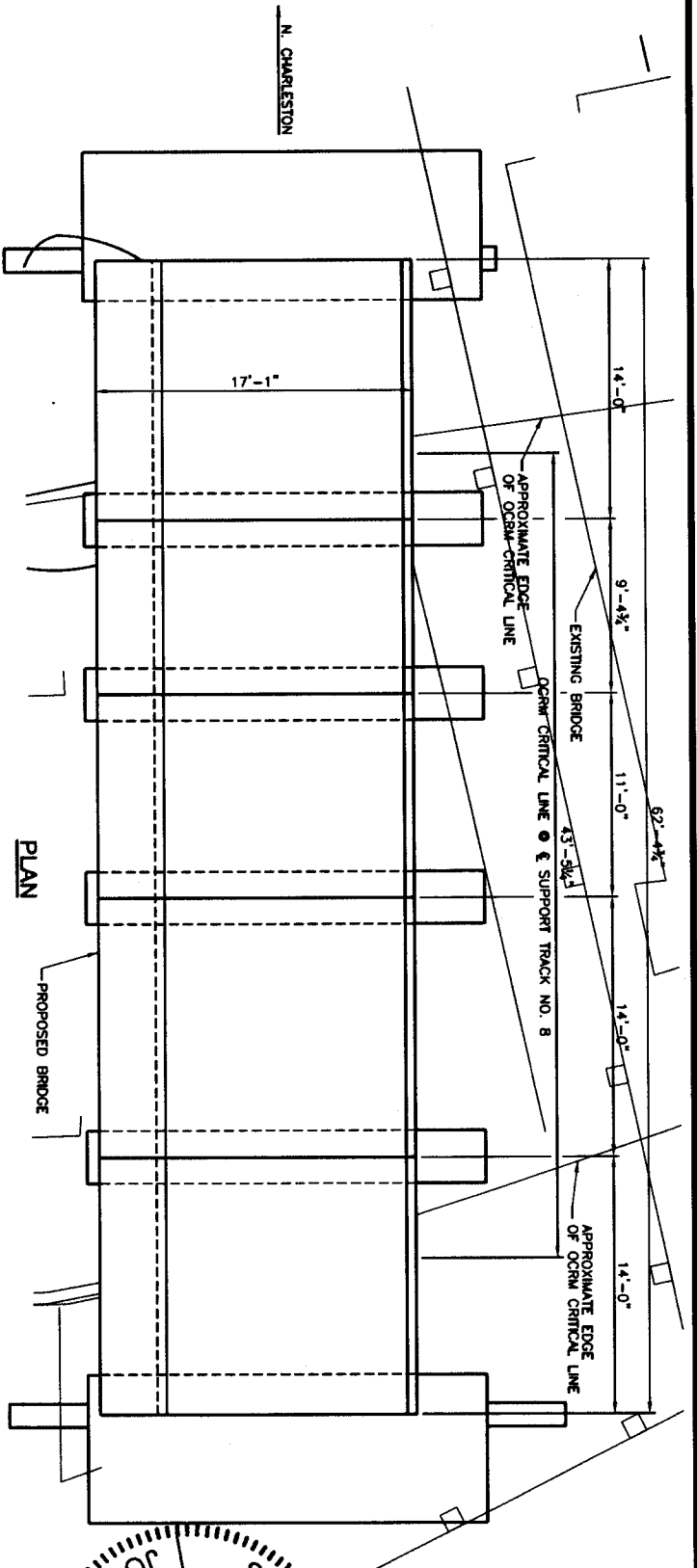
TYPICAL SECTION

PROJECT

**PUC TRACK EXPANSION**  
CHARLESTON, SOUTH CAROLINA



ELEVATIONS SHOWN  
IN NAVD 88. NATURAL  
GROUND IS DRY AT  
MEAN LOW WATER  
ELEVATION OF -2.95  
AND MEAN LOWER LOW  
WATER OF -3.14  
MHW = EL. 2.2'



OCRM-13-242-B

NOTE: APPLICANT NAME: SC PUBLIC RAILWAYS  
PROPOSED ACTIVITY: BRIDGE REPLACEMENT/  
CONSTRUCTION

SHEET NUMBER 3 OF 6



**Tran Systems**

4390 BELLE OAKS DRIVE  
SUITE 220  
NORFOLK, CHARLESTON, SC  
PHONE 843-266-8300  
FAX 843-226-9616

PROJECT NO: P306130010  
SCALE: 1" = 10'-0"  
DATE: JULY 2013  
DRAWN BY: DMH  
CHECKED BY:

SHEET TITLE

PLAN AND ELEVATION

PROJECT

PUC TRACK EXPANSION  
CHARLESTON, SOUTH CAROLINA



BRIDGE SITE/LOCATION

OCRM-13-242-B

APPLICANT NAME: SC PUBLIC RAILWAYS  
SHEET NUMBER: 2 OF 6  
TMS#469000001  
PROPOSED ACTIVITY: BRIDGE REPLACEMENT/CONSTRUCTION



4390 BELLE OAKS DRIVE  
SUITE 200  
NORTH CHARLESTON, SC  
PHONE: 843-266-8900  
FAX: 843-229-9616

PROJECT NO: P306130010  
SCALE: NO SCALE  
DATE: JULY 2013  
DRAWN BY: DMH  
CHECKED BY:

SHEET TITLE

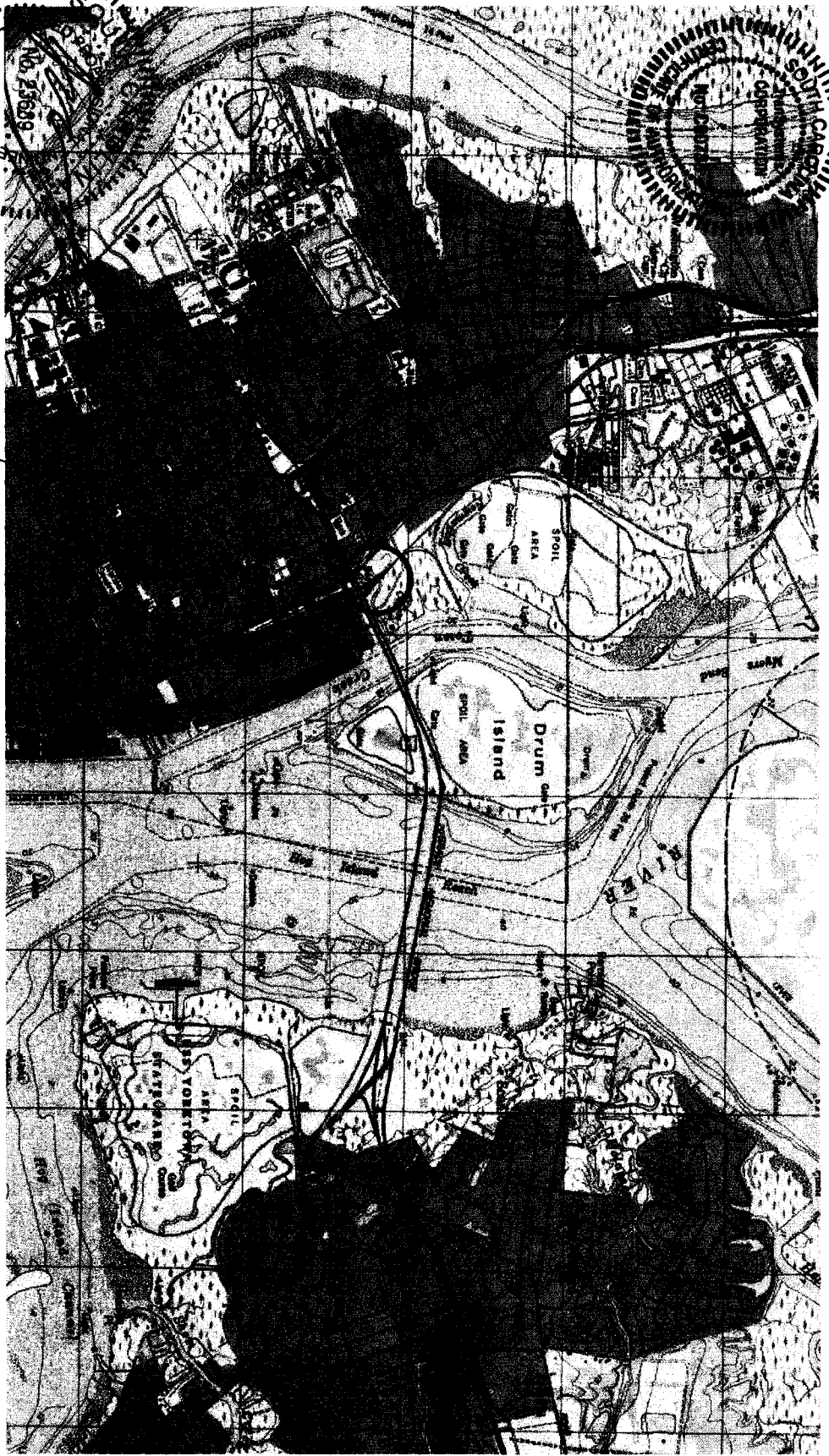
BRIDGE VICINITY

PROJECT

PUC TRACK EXPANSION  
CHARLESTON, SOUTH CAROLINA

8-26-13  
JOSEPH M. WOODY  
No. 23639

STATE OF SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
SOUTH CAROLINA  
SOUTH CAROLINA  
SOUTH CAROLINA



BRIDGE LOCATION  
LAT & LONG 32° 48' 6"N, -79° 56' 7"W

DC2M-13-242-B  
APPLICANT NAME: SC PUBLIC RAILWAYS  
SHEET NUMBER: 1 OF 6  
TMS#459000001  
PROPOSED ACTIVITY: BRIDGE REPLACEMENT/CONSTRUCTION

**TranSystems**

4300 BELLE OAKS DRIVE  
SUITE 200  
NORTH CHARLESTON, SC  
PHONE: 843-285-3300  
FAX: 843-528-9818

PROJ NO: P306130010  
SCALE: NO SCALE  
DATE: JULY 2013  
DRAWN BY: DMH  
CHECKED BY:

SHEET TITLE

BRIDGE LOCATION

PROJECT

PUC TRACK EXPANSION  
CHARLESTON, SOUTH CAROLINA

### **Project Site Location**

The project site is directly adjacent, west and parallel to the existing rail line serving the SPA Columbus Street Terminal in the City of Charleston, S.C. More specifically, the proposed bridge construction activity is located east of the East Bay Street on-ramp to the Arthur Ravenell Bridge, south and west of Johnson Street and is accessible from Morrison Drive via Johnson Street.

### **Project Purpose and Need**

The purpose of the proposed project is to expand rail access and rail yard storage for the Port Utilities Commission (PUC) switching and storage facility currently supporting the Columbus Street and Union Pier Terminals for all inbound and out bound rail traffic coming from CSX and Norfolk Southern rail lines. PUC is a division of S.C. Public Railways (SCPR), the applicant. The project is known as the North End PUC Expansion Project and/or Port Utilities Commission Yard Expansion.

The need for the proposed project is dictated by the increase in the volume of rail traffic to these terminals and the consequential need for additional capacity to maintain efficient rail operations. The planned expansion includes construction of a rail bridge across a small tidal creek (Vardell Creek).

### **Project Description**

The site of proposed bridge construction includes the existing, in-service railroad bridge spanning Vardell Creek and providing rail access to the Columbus Street Terminal, as well as remnants of three out-of-service bridges immediately adjacent and west. Tidelands critical area at the site consist of Vardell Creek and associated intertidal wetlands, although vegetation at the proposed bridge crossing is sparse. There are no freshwater wetlands present within the project area.

The proposed bridge construction activity will consist of removing existing, out-of-service bridge(s) over Vardell Creek and constructing a new, pile supported  $\pm 20'$  wide x  $\pm 62'$  long railroad bridge, spanning  $\pm 40'$  of tidelands critical area across Vardell Creek. The proposed project will not require placement of fill material in any jurisdictional wetlands or water bodies and there is no discharge of fill material proposed with this application.

**RECEIVED**

SEP 09 2013

DHEC-OCRM  
CHARLESTON OFFICE

SOUTH CAROLINA  
Public Railways  
OCRM-13-242-B